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COATS & BENNETT → 17038729314  
LUHIS \* BENNETT → 18083327183

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NO. 414  
REV. 3-10

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of Mathe et al.

Serial No.: 09/888795

Filed: June 25, 2001

For: Reducing the Peak-to-Average Power Ratio  
of a Communication Signal

Attorney's Docket No: 4740-059

Commissioner for Patents  
Washington, D.C. 20231

Group Art Unit: 2681



**Official**

**REVOCATION AND POWER OF ATTORNEY  
WITH STATEMENT UNDER 27 CFR 3.73 (b)  
AND CHANGE OF CORRESPONDENCE ADDRESS**

Sir:

Telefonaktiebolaget L M Ericsson, a corporation, certifies that it is the assignee of the entire right, title and interest in and to the above-entitled U.S. patent application, and the invention disclosed therein, by virtue of the assignment from the inventor(s) to Telefonaktiebolaget L M Ericsson recorded in the Patent and Trademark Office at Reel/Frame 012085/0507. A copy of the assignment is attached hereto.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, Telefonaktiebolaget L M Ericsson is the assignee of the entire right, title and interest in the U.S. patent application identified.

Telefonaktiebolaget L M Ericsson hereby revokes all previous Powers of Attorney and appoints as my attorneys and/or agents with full power of substitution and revocation, to prosecute this application and transact all business in the United States Patent and Trademark Office, and in countries other than the United States, and to do all things necessary or appropriate therefore before any competent International Authorities in connection with any international patent application(s) corresponding to the above-identified application, all of the registered practitioners of Coats & Bennett, P.L.L.C. identified by Customer Number 24112:

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COATS BENNETT → 18583327189

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PATENT TRADEMARK OFFICE

and the following Ericsson Wireless Communications Inc. attorneys and/or agents: David G. Matthews, Reg. No. 33,959; Dang Vo, Reg. No. 45,183; John Han, Reg. No. 41,403, Roger Burleigh, Reg. No. 40,542; Sidney L. Weatherford, Reg. No. 45,602.

Please address all future correspondence to

David E. Bennett  
Coats & Bennett, P.L.L.C.  
1400 Crescent Green, Suite 300  
Cary, North Carolina 27511

Please direct all telephone calls about this application and the resulting patent to:

David E. Bennett  
Telephone: (919) 854-1844

The undersigned is empowered to sign this statement on behalf of the assignee.

12-12-01  
Date

  
David G. Matthews, Registration No. 33,959  
Assignee

Telefonaktiebolaget L M Ericsson  
S-126 25  
Stockholm, SWEDEN  
Telephone: (468) 719-0000



4740-059

UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

OCTOBER 23, 2001

PTAS

LYON & LYON LLP  
ROBERT S. MAYER  
633 WEST FIFTH STREET, SUITE 4700  
LOS ANGELES, CA 90071-2066



\*101819050A\*

262/091

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/13/2001

REEL/FRAME: 012085/0507  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
MATHE, LENNART

DOC DATE: 06/15/2001

ASSIGNOR:  
JIAN, HENG-YU

DOC DATE: 07/27/2001

ASSIGNEE:  
TELEFONAKTIEBOLAGET LM ERICSSON  
SE-126 25  
STOKHOLM, SWEDENSERIAL NUMBER: 09888795  
PATENT NUMBER:FILING DATE: 06/25/2001  
ISSUE DATE:

TEVEN POST, EXAMINER  
SIGNMENT DIVISION  
FICE OF PUBLIC RECORDS

RECEIVED  
OCT 29 2001  
U.S. PROSECUTION

FORM PTO-1585 1-31-82		08-22-2001 SHEET		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
Docket No. 262/091		101819050		Attached original documents or copy thereof.	
To the Honorable Commissioner of P		101819050		id address of receiving party:	
1. Name of conveying party(ies): Lennart Mathe (Executed on June 15, 2001) Heng-Yu Jian (Executed on July 27, 2001) Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Name: Telefonaktiebolaget LM Ericsson		Address: SE-126 25	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other 8-13-01		City: Stockholm Country: Sweden		Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Execution Date: See Above					
4. Application number(s) or patent number(s): 09/888,795					
If this document is being filed together with a new application, the execution date of the application is:					
A. Patent Application No(s):		B. Patent No(s):			
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Robert S. Mayer  Internal Address: LYON & LYON LLP 633 West Fifth Street, Suite 4700 Los Angeles, CA 90071-2086		6. Total number of applications and patents involved: 1			
		7. Total fee (37 CFR 3.41): \$ 40.00 <input checked="" type="checkbox"/> Enclosed  <input checked="" type="checkbox"/> Charge this Deposit Account if any additional fee is required			
		8. Deposit Account Number: 12-2475			
DO NOT USE THIS SPACE					
9. Statement and signature:  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.					
38,544 Reg No.		Robert S. Mayer		Date: August 10, 2001	
Total number of pages including cover sheet: 4					
OMB No. 0651-0011 (exp. 4/94)					
Do not detach this portion					
Mail documents to be recorded with required cover sheet information to: Director — U.S. Patent and Trademark Office Box Assignments Washington, D.C. 20231					
Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project, (0651-0011), Washington, D.C. 20503					

Patent  
Attorney Docket: 262/091

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, WE, LENNART MATHE, citizen of SWEDEN and HENG-YU JIAN, citizen of TAIWAN; (hereinafter referred to as "ASSIGNORS"), have invented own a certain invention entitled REDUCING THE PEAK-TO-AVERAGE POWER RATIO OF A COMMUNICATION SIGNAL for which application for Letters Patent of the United States of America has been executed on even date herewith; and

WHEREAS, TELEFONAKTIEBOLAGET LM ERICSSON, a corporation organized and existing under and by virtue of the laws of the State of Sweden and having its place of business at SE-126 25 Stockholm, Sweden (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the exclusive right, title and interest in, to and under said invention and in, to and under any Patent or similar legal protection to be obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign, transfer and set over unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest to said invention and to all Letters Patent or application or similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto, to be obtained for said invention by said application, and to any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; and ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue

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27-JUN-2001 02:51pm From-ERICSSON

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Parent  
Attorney Docket: 262/091

said Letters Patent or any legal equivalent thereof to said ASSIGNEE, its successors and assigns, in accordance with this Assignment.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Agreement;

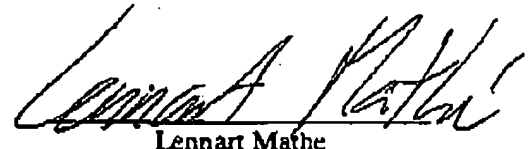
ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents in the United States or in any foreign country, which may be necessary or desirable to carry out the purposes thereof.

6-15-2001

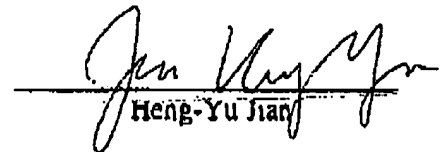
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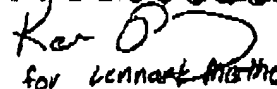
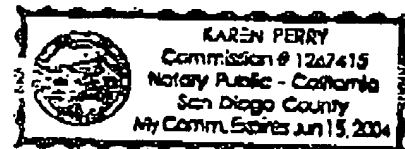
Date



Lennart Mathe



Heng-Yu Jian

  
for Lennart Mathe 6/15/01

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From: ERICSSON

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**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

State of California

County of

San Diego

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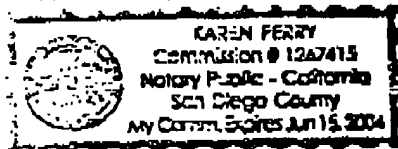
On June 15, 2001 before me, Karen Perry, Notary Public

personally appeared

Lennart Mathe

☒ personally known to me  
☐ proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Karen Perry  
 Signature of Notary Public

Place Notary Seal Above

**OPTIONAL**

Though the information below is not required by law, it may prove valuable to persons relying on this document and could prevent fraudulent removal and reattachment of this form to another document.

**Description of Attached Document**Title or Type of Document Assignment of Patent Application, PatentDocument Date: \_\_\_\_\_ Number of Pages 2

Signer(s) Other Than Named Above: \_\_\_\_\_

**Capacity(ies) Claimed by Signer**

Signer's Name: \_\_\_\_\_

- ☐ Individual  
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☐ Attorney in Fact  
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